

**DEVICE AND METHOD FOR TRACKING**  
**CONDITIONS IN AN ASSAY**

**ABSTRACT OF THE DISCLOSURE**

10           The invention provides a device comprising a substrate having a plurality of  
different molecular probes attached to a surface thereof and an integrated indicator that  
exhibits a response when exposed to a condition to which the substrate may be exposed.  
Each different molecular probe is selected to interact with a different corresponding  
15           target, and the indicator response is detectable after removing the indicator from the  
condition. Alternatively, a substrate is provided having a plurality of molecular probes  
attached to a surface thereof and a plurality of different integrated indicators. Each  
indicator is selected to exhibit a response when exposed to one of a plurality of  
20           conditions to which the substrate may be exposed. The inventive devices are typically  
used for biomolecular, or more specifically, nucleotidic assays. The invention also  
provides for various apparatuses and methods for assaying a sample using the inventive  
devices.

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